Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-55. (Canceled)

56. (Currently Amended) A filter for filtration and elimination of Legionella Pneumophila in any installation at risk from Legionella Pneumophila proliferation comprising:

a filter selected from the group consisting of non woven fabric, filtering injector structures and sheets, said filter is formed from fibers cut or in monofilaments and their mixtures; each of said fibers previously treated with an anti-bacterial compound effective against Legionella Pneumophila so that the anti-bacterial compound is integrated into all of the body and core of said fiber so that the treated fibers store the anti-bacterial compound inside the treated fibers and exhibit anti-bacterial properties and eliminate Legionella Pneumophila at temperatures above 250°C [[200°C]];

said fibers are selected from the group consisting of:

a) natural polymer chemical fibers which have or have not

been modified,

b) synthetic polymer chemical fibers,

c) glass fibers,

d) carbon fibers,

e) other fibrous materials,

f) bicomponents, and

g) polycomponents

said filter is further defined as being constructed of at least two layers of non-woven fabrics so as to form a sandwich of layers; wherein said sandwich of layers is a mixture of non-woven fabrics that is formed with the mixture of two non-woven fabrics, or optionally said filter being constructed with a non-woven fabric and polypropylene, polyethylene, polyester, glass fiber, steel, aluminum or foam supports; and

wherein the filter eliminates Legionella Pneumophila without releasing the anti-bacterial compound.

57. (Currently Amended) A filter for filtration and elimination of Legionella Pneumophila in any installation at risk from Legionella Pneumophila proliferation comprising:

a filter selected from the group consisting of non woven fabric, filtering injector structures and sheets, said filter is

formed from fibers cut or in monofilaments and their mixtures; each of said fibers previously treated with an anti-bacterial compound effective against Legionella Pneumophila so that the anti-bacterial compound is integrated into all of the body and core of said fiber so that the treated fibers store the anti-bacterial compound inside the treated fibers and exhibit anti-bacterial properties and eliminate Legionella Pneumophila at temperatures above [[200°C]] 250°C;

said fibers are selected from the group consisting of:

a) natural polymer chemical fibers which have or have not been modified,

b) synthetic polymer chemical fibers,

c) glass fibers,

d) carbon fibers,

e) other fibrous materials,

f) bicomponents, and

g) polycomponents

said filter is further defined as being constructed from a non-woven fabric and a component selected from the group consisting of polypropylene, polyethylene, polyester, glass fiber, steel, aluminum and foam supports;

wherein the filter eliminates Legionella Pneumophila without

releasing the anti-bacterial compound.

58-61. (Canceled)

62. (Previously Presented) The filter of claim 56 wherein said fiber is a synthetic polymer chemical fiber.

63. (Previously Presented) The filter of claim 56 wherein said synthetic polymer chemical fiber is polypropylene.

64. (Previously Presented) The filter of claim 57 wherein said fiber is a synthetic polymer chemical fiber.

65. (Previously Presented) The filter of claim 57 wherein said synthetic polymer chemical fiber is polypropylene.

66. (Canceled)

67. (Currently amended) A filter for filtration and elimination of Legionella Pneumophila in any installation at risk from Legionella Pneumophila proliferation comprising:

a filter selected from the group consisting of non woven

fabric, filtering injector structures and sheets, said filter is formed from fibers cut or in monofilaments and their mixtures; each of said fibers previously treated with an anti-bacterial compound effective against Legionella Pneumophila so that the anti-bacterial compound is integrated into all of the body and core of said fiber so that the treated fibers store the anti-bacterial compound inside the treated fibers and exhibit anti-bacterial properties and eliminate Legionella Pneumophila at temperatures above 250°C [[200°C]];

said fibers are synthetic polymer chemical fibers;

said filter is further defined as being constructed from a non-woven fabric and a component selected from the group consisting of polypropylene, polyethylene, polyester, glass fiber, steel, aluminum and foam supports;
wherein the filter eliminates Legionella Pneumophila without releasing the anti-bacterial compound.

68. (Previously Presented) A filter of claim 56 wherein said sandwich further includes a non woven fabric support.

69. (Previously Presented) A filter for filtration and elimination of Legionella Pneumophila in any installation at risk

from Legionella Pneumophila proliferation of claim 56 wherein:

said fibers are of:

- a range of deniers from 0.02 to 1,500 deniers;
- a cross section selected from the group consisting of:

circular, square, elliptical, hollow, trilobal, flat and similar;

- a length in the range of 0.1mm to 500mm or continuous filaments;
- a weight of 5 to 2,500 grams;
-a fusion point of 60° C to 450° C; and
-a color from translucent white to black and any combinations thereof.

70. (Previously Presented) The filter of claim 56, wherein said anti-bacterial compound is selected from the group consisting of: Triclosan (2,4,4'-trichoro-2'-hydroxyphenyl ether), silver derivatives, phenoxyhalogenate derivatives with transporters, permetrine derivatives, isothiazolinone derivatives, tetraalkylamone silicons, organozinc compounds, zirconium phosphates, sodium, triazine, oxazolidines, isotiazolines, hermiformals, ureides, isocyanates, chlorine derivatives, formaldehydes, and carbendazime.

71. (Previously Presented) The filter of claim 56, wherein said fibers are previously treated with a biocide.

72. (Previously Presented) The filter of claim 71, wherein the biocide is 1-bromo-3-chloro-5,5-dimethylhydantoin.

73. (Previously Presented) The filter of claim 57, wherein said fibers are previously treated with a biocide.

74. (Previously Presented) The filter of claim 73, wherein said biocide is 1-bromo-3-chloro-5,5-dimethylhydantoin.

75. (Previously Presented) The filter of claim 67, wherein said anti-bacterial compound is selected from the group consisting of: Triclosan (2,4,4'-trichoro-2'-hydroxyphenyl ether), silver derivatives, phenoxyhalogenate derivatives with transporters, permetrine derivatives, isothiazolinone derivatives, tetraalkylamone silicons, organozinc compounds, zirconium phosphates, sodium, triazine, oxazolidines, isotiazolines, hermiformals, ureides, isocyanates, chlorine derivatives, formaldehydes, and carbendazime.

76. (Previously Presented) The filter of claim 67, wherein said fibers are previously treated with a biocide.

77. (Previously Presented) The filter of claim 76, wherein said biocide is 1-bromo-3-chloro-5,5-dimethylhydantoin.